

Product datasheet for TA376914

Histidase (HAL) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ICC/IF, IHC, WB

Recommended Dilution: WB,1:500 - 1:2000

IHC,1:50 - 1:100 IF,1:50 - 1:100

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of

human HAL (NP_002099.1).

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 49kDa/64kDa/72kDa

Gene Name: histidine ammonia-lyase

Database Link: Entrez Gene 3034 Human

P42357

Background: Histidine ammonia-lyase is a cytosolic enzyme catalyzing the first reaction in histidine

catabolism, the nonoxidative deamination of L-histidine to trans-urocanic acid. Histidine ammonia-lyase defects cause histidinemia which is characterized by increased histidine and histamine and decreased urocanic acid in body fluids. Several transcript variants encoding

different isoforms have been found for this gene.



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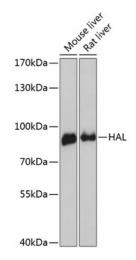
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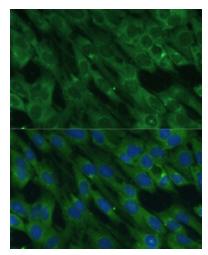


Synonyms: HIS; histidase; HSTD

Product images:



Western blot analysis of extracts of various cell lines, using HAL antibody (TA376914) at 1:3000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit. | Exposure time: 90s.



Immunofluorescence analysis of C6 cells using HAL Polyclonal Antibody (TA376914) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.